

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.

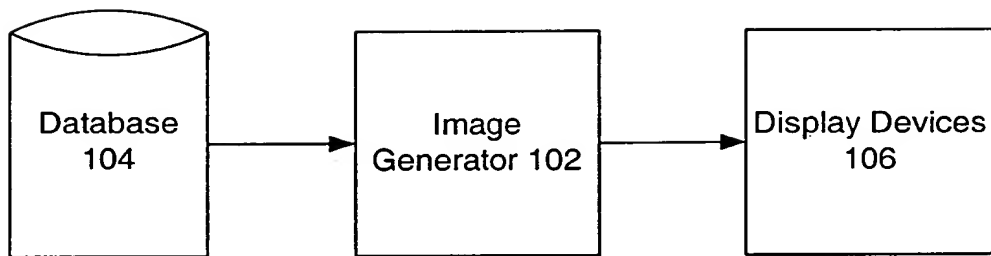


FIG. 1

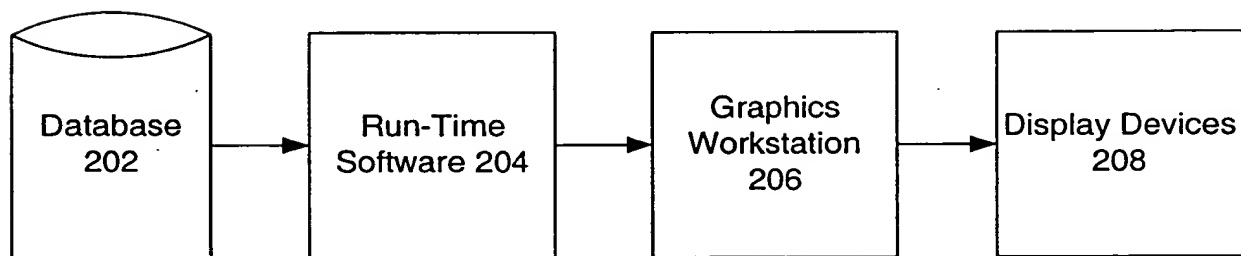
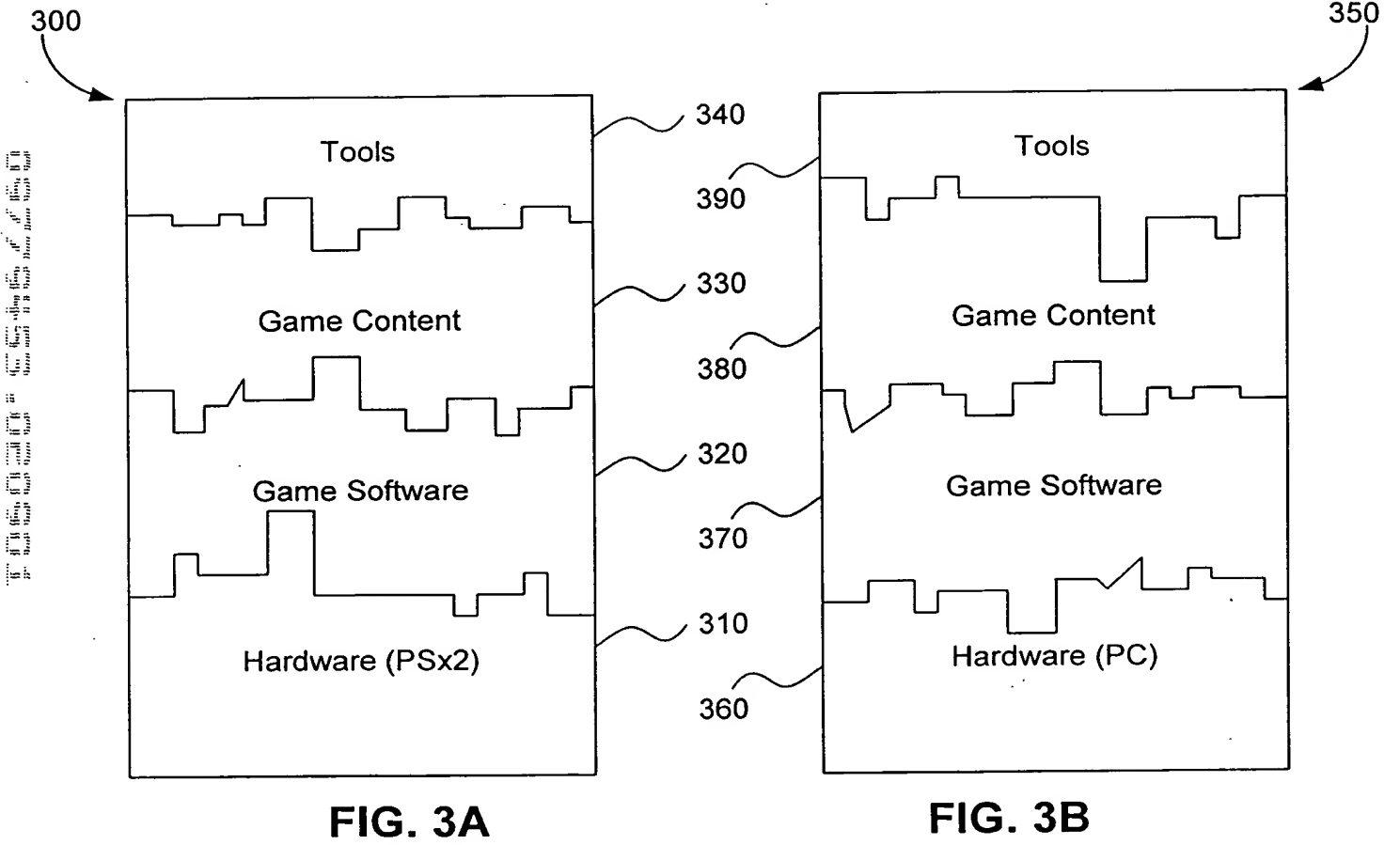


FIG. 2



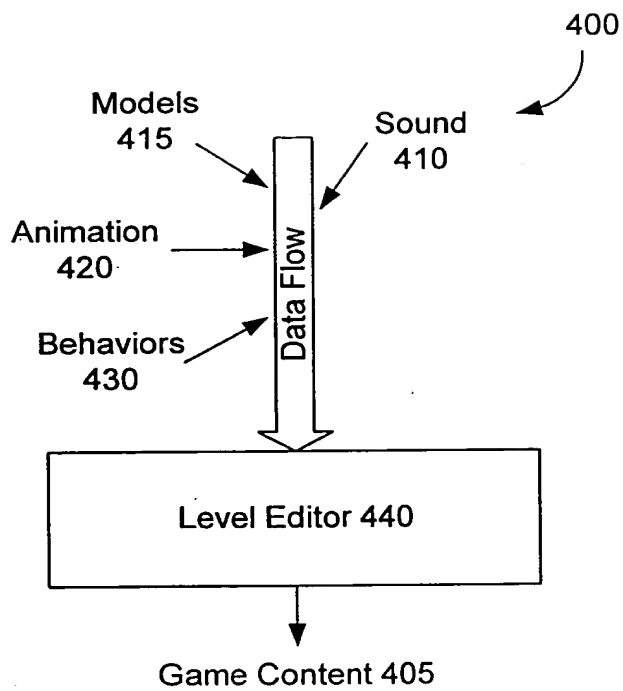


FIG. 4

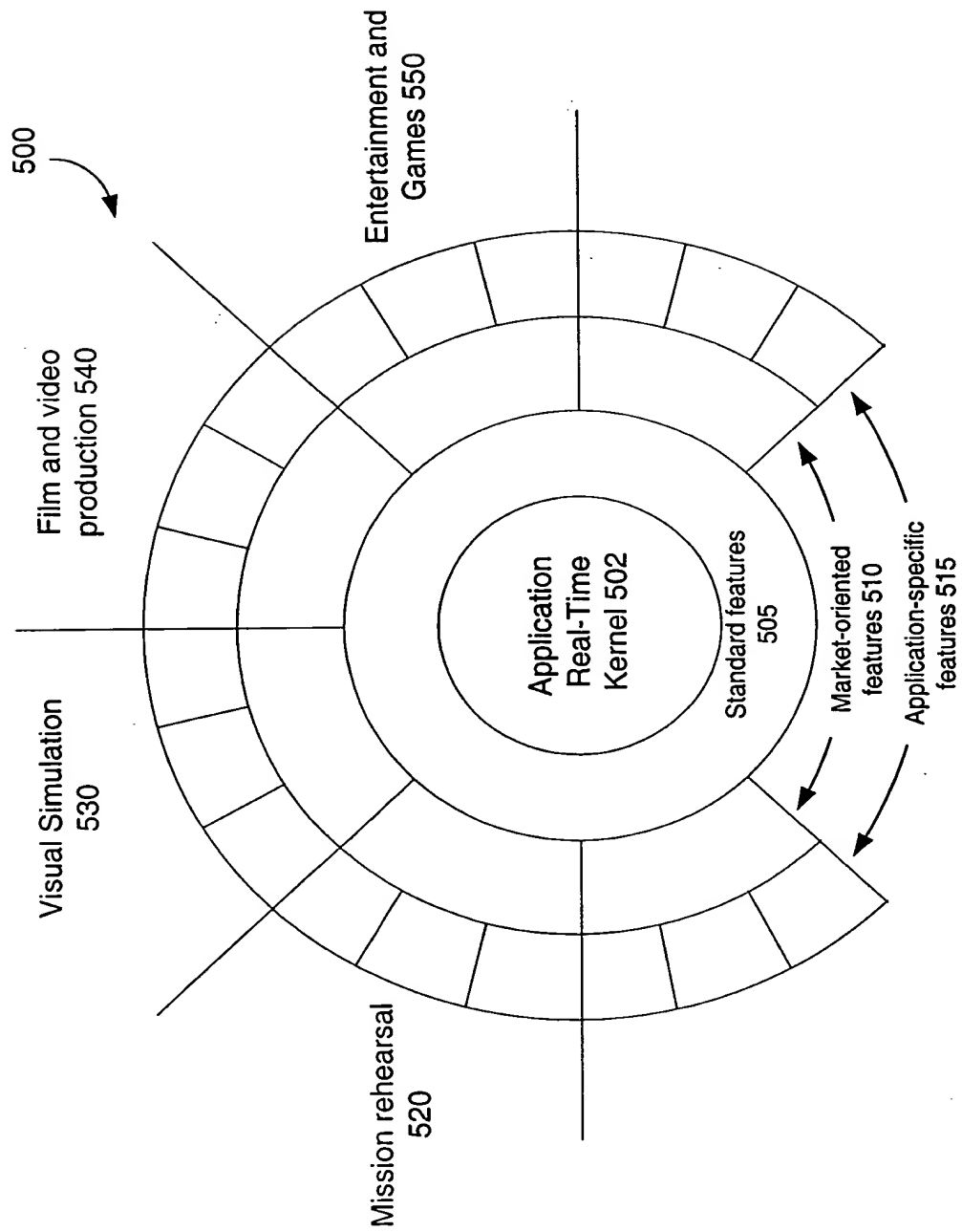


FIG. 5

FIG. 6 is a block diagram of a block 600. The block 600 is a rectangular box containing several components. At the top left, there is a section labeled "Input connection points 605" which contains a table with three rows: "Input 1 name", "Input 2 name", and "Input n name". To the right of this is another table with three rows: "Input 1 type", "Input 2 type", and "Input n type". Arrows point from these input tables to a central area labeled "Executable content 620". This area contains a box with the text "Construct (), Destruct (), Initialize (), Evaluate (), ...". To the right of the executable content is a section labeled "Output connection points 610" which contains a table with three rows: "Output 1 type", "Output 2 type", and "Output m type". To the right of this is another table with three rows: "Output 1 name", "Output 2 name", and "Output m name". Arrows point from these output tables to a section labeled "Internal objects 612". This section contains three circles, each with an arrow pointing to it from the corresponding output table. At the bottom right, there is a section labeled "Block internal state 615" which contains two circles. The entire block is labeled "Block 600" at the top right.

Input connection points
605

Output connection points
610

Internal objects
612

Block 600

Construct (), Destruct (), Initialize (),
Evaluate (), ...

Executable content 620

Block interface
definition 625

Block internal
state 615

FIG. 6

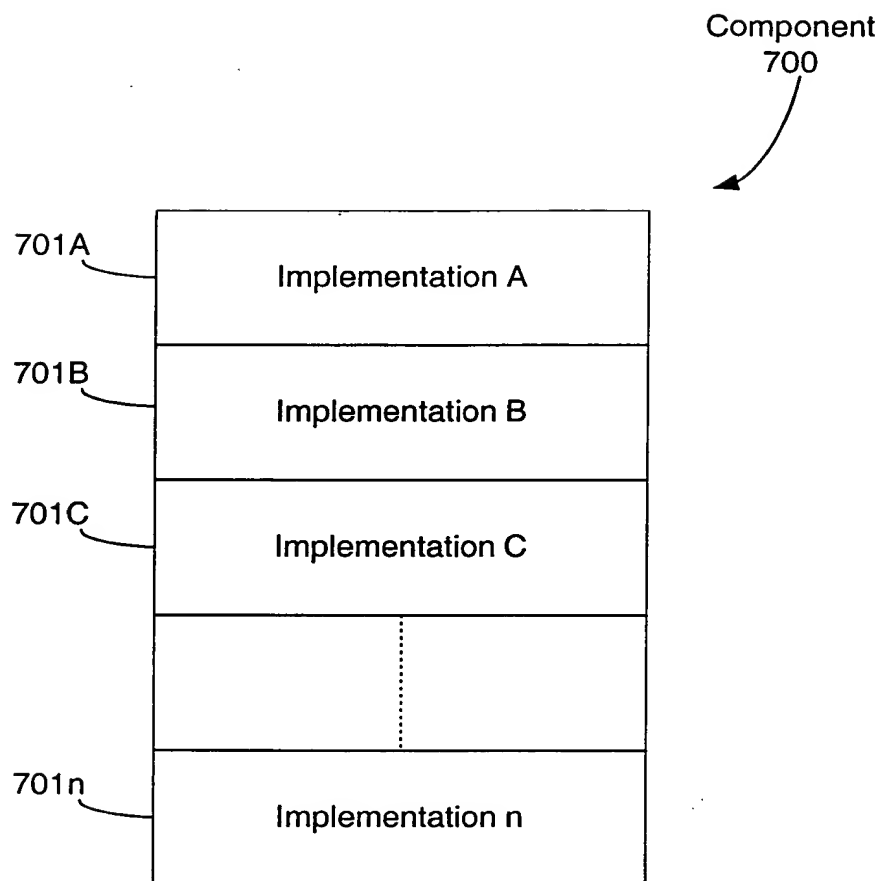


FIG. 7

701A

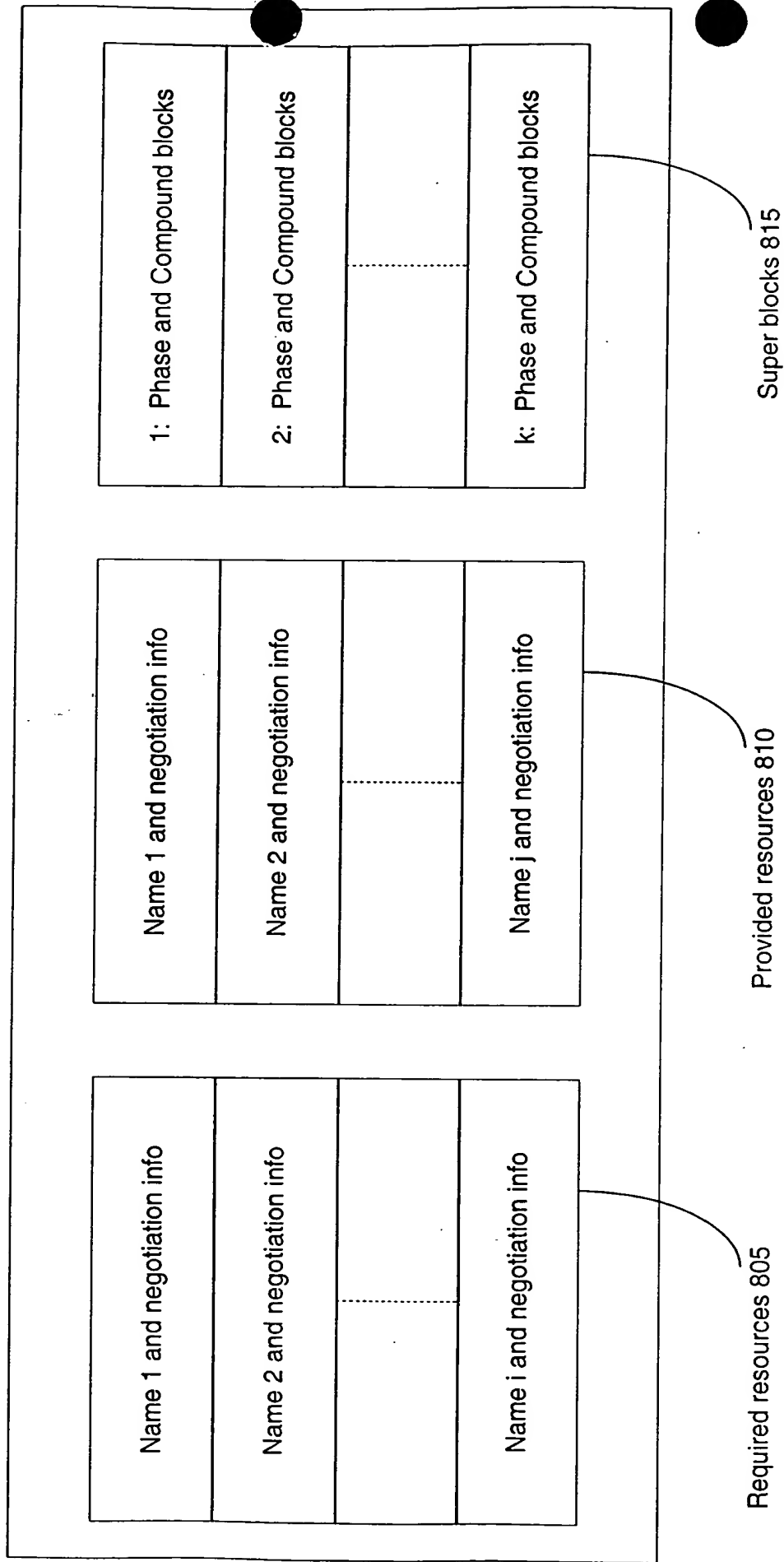


FIG. 8

FIG. 9 is a block diagram of a system 900 for processing a set of data. The system 900 includes an initialization phase 905, a database paging phase 910, a geometry morphing phase 915, a culling phase 920, and a drawing phase 925. The initialization phase 905 is connected to a set of blocks 930, which are connected to the database paging phase 910. The database paging phase 910 is connected to the geometry morphing phase 915. The geometry morphing phase 915 is connected to a set of blocks 930, which are connected to the culling phase 920. The culling phase 920 is connected to a set of blocks 930, which are connected to the drawing phase 925. The drawing phase 925 is connected to a set of blocks 930, which are connected to the culling phase 920. The culling phase 920 is connected to a set of blocks 930, which are connected to the drawing phase 925. The drawing phase 925 is connected to a set of blocks 930, which are connected to the culling phase 920.

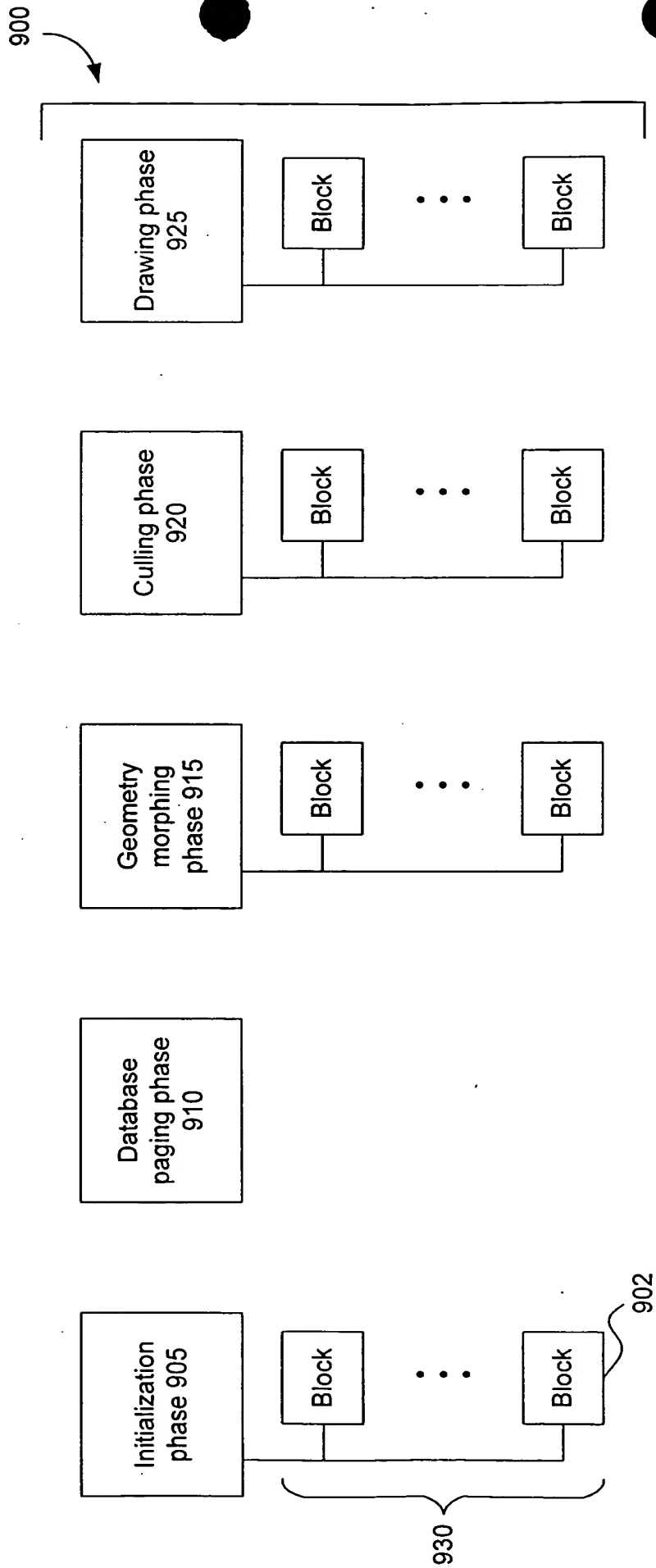


FIG. 9

FIG. 10 is a block diagram of a system 1000 for processing a drawing request. The system 1000 includes a Stage 1 1005, which is connected to three parallel processing blocks: an Initialization phase 905, a Geometry morphing phase 915, and a Calling phase 920. The outputs of these three blocks are combined and fed into Stage 2 1010, which then leads to the final Drawing phase 925. The entire process is enclosed within a bracket labeled 1000.

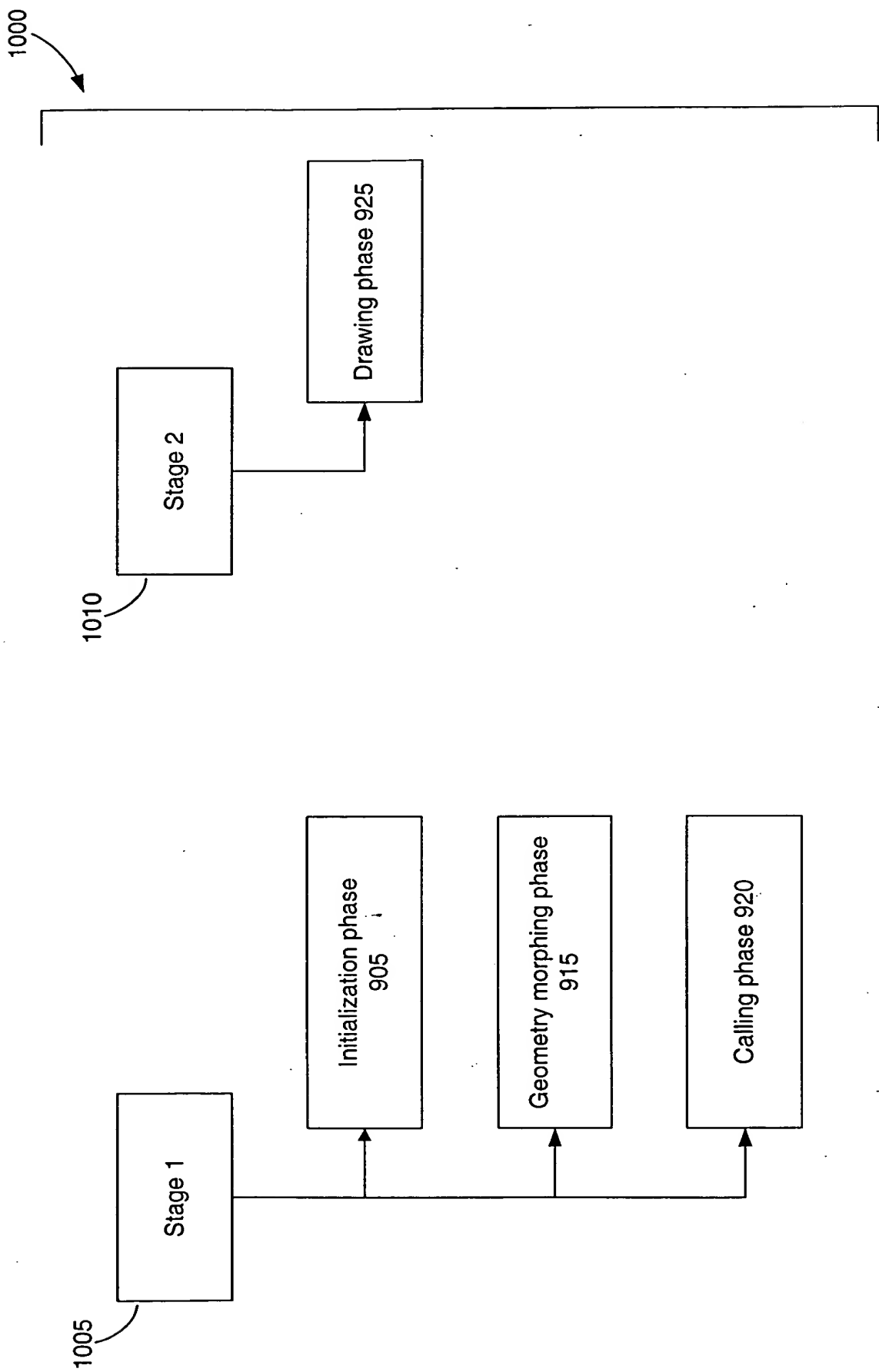


FIG. 10

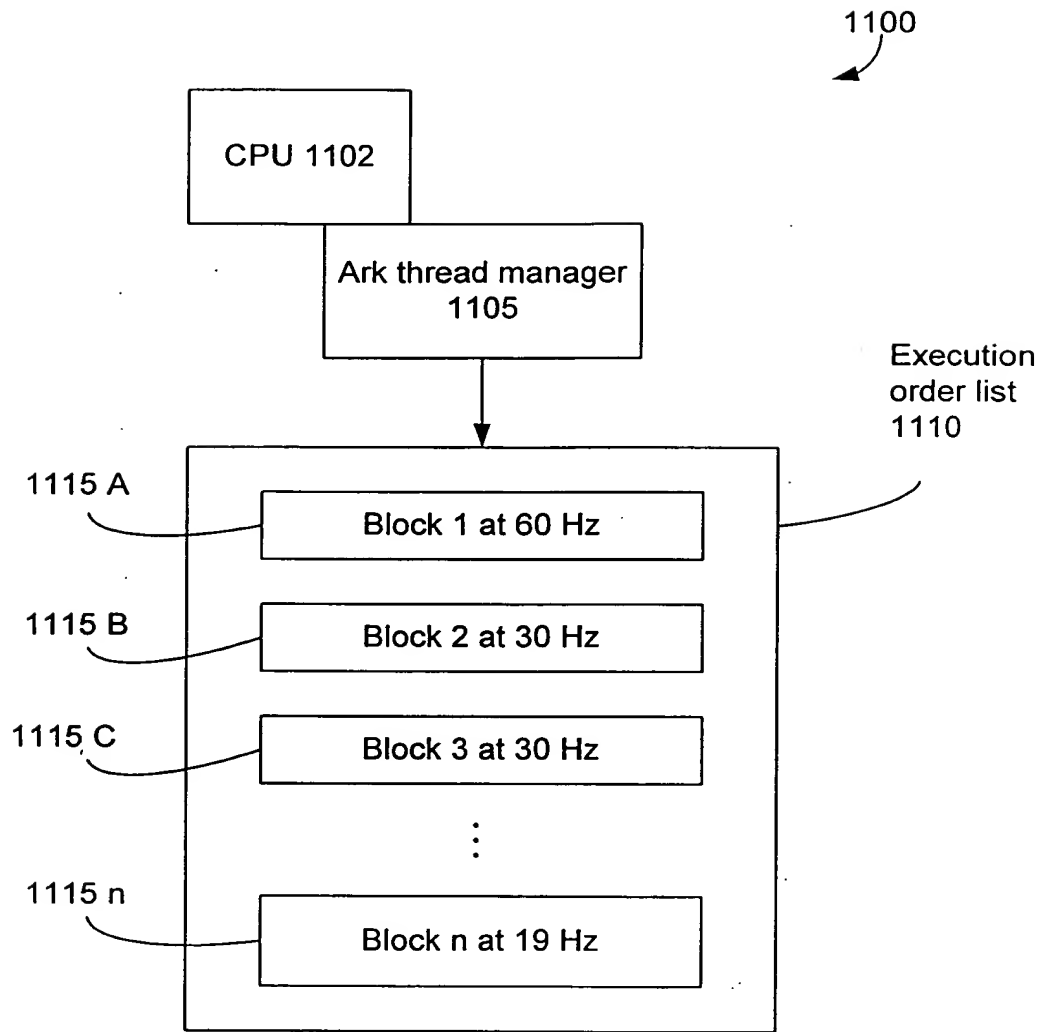


FIG. 11

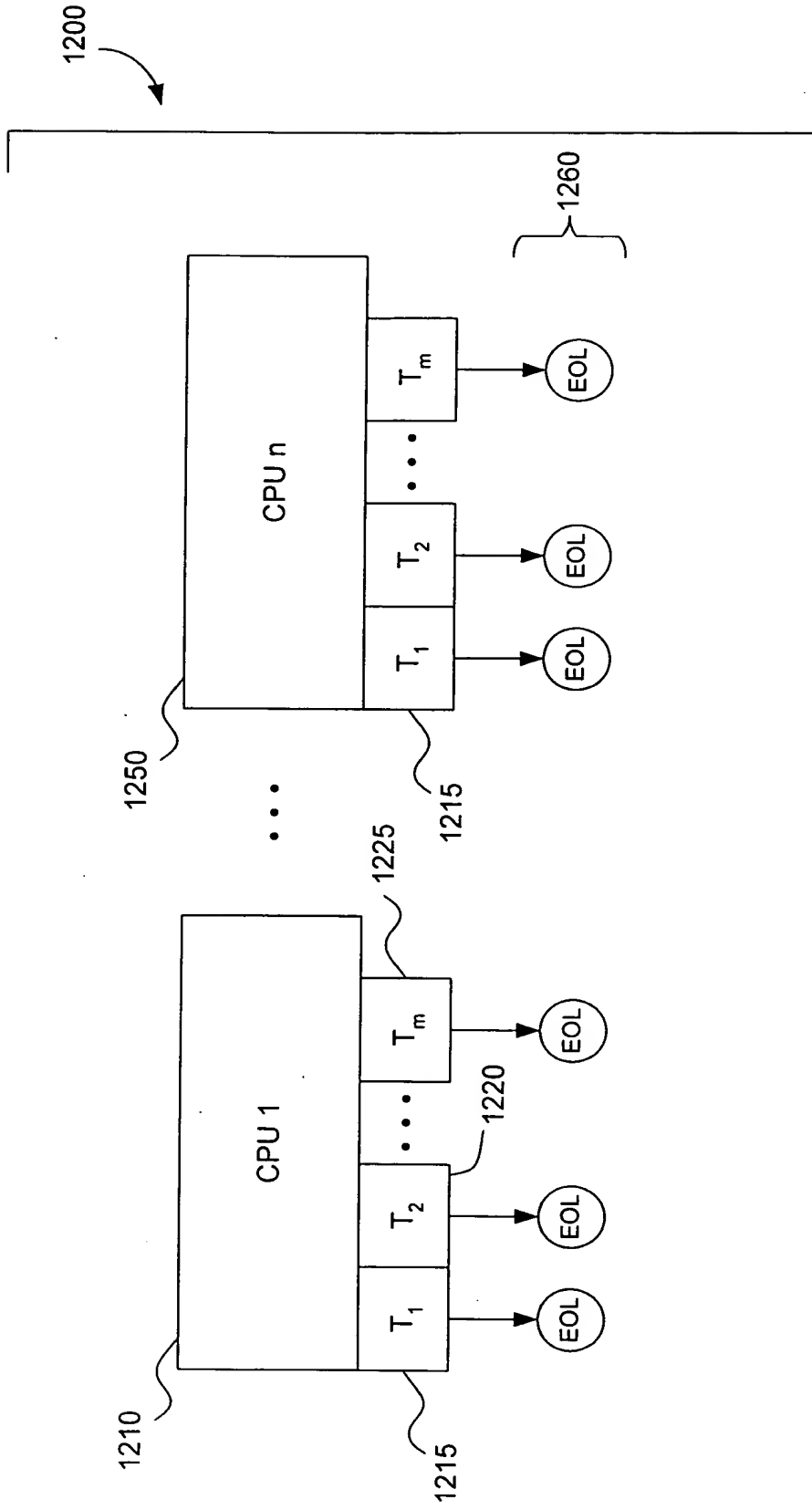
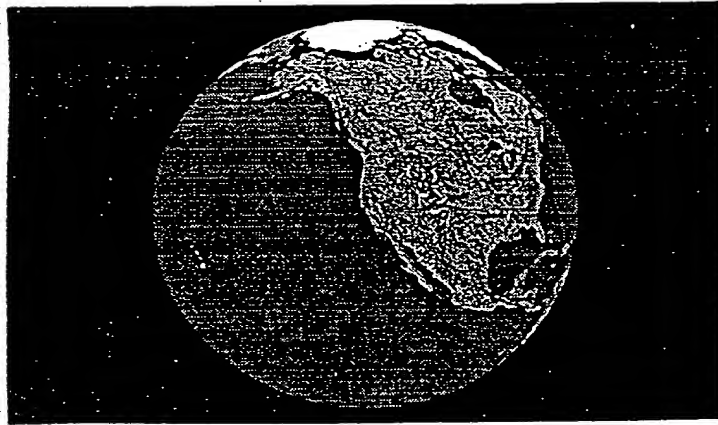


FIG. 12



1300



FIG. 13

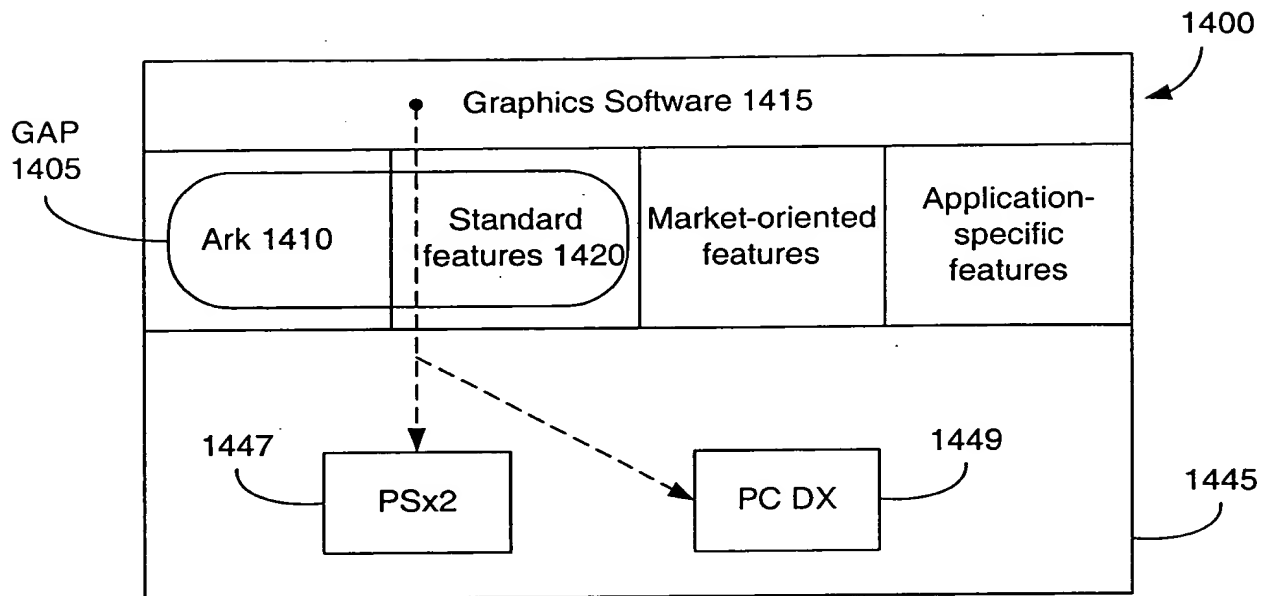


FIG. 14A

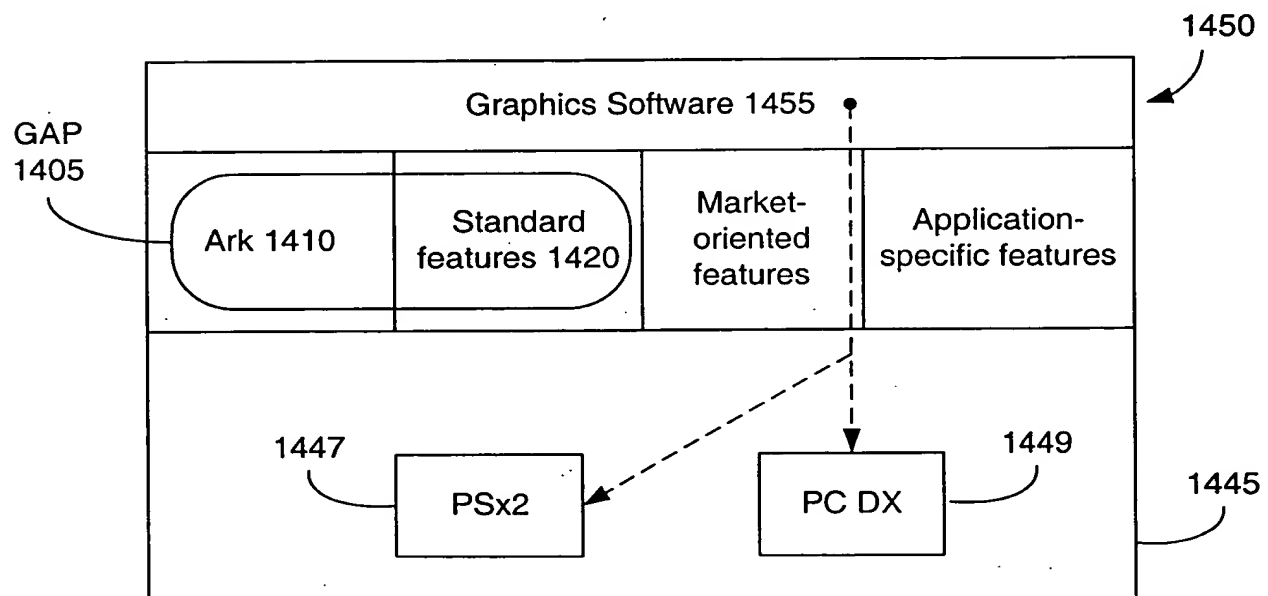


FIG. 14B

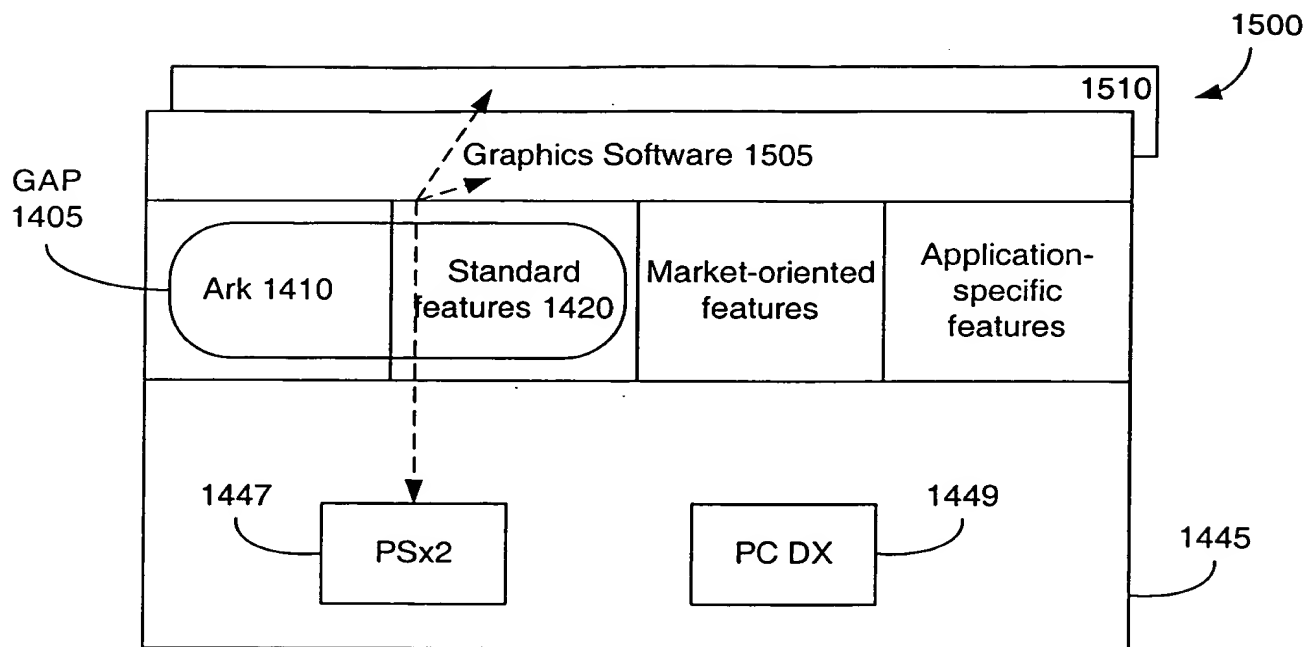


FIG. 15A

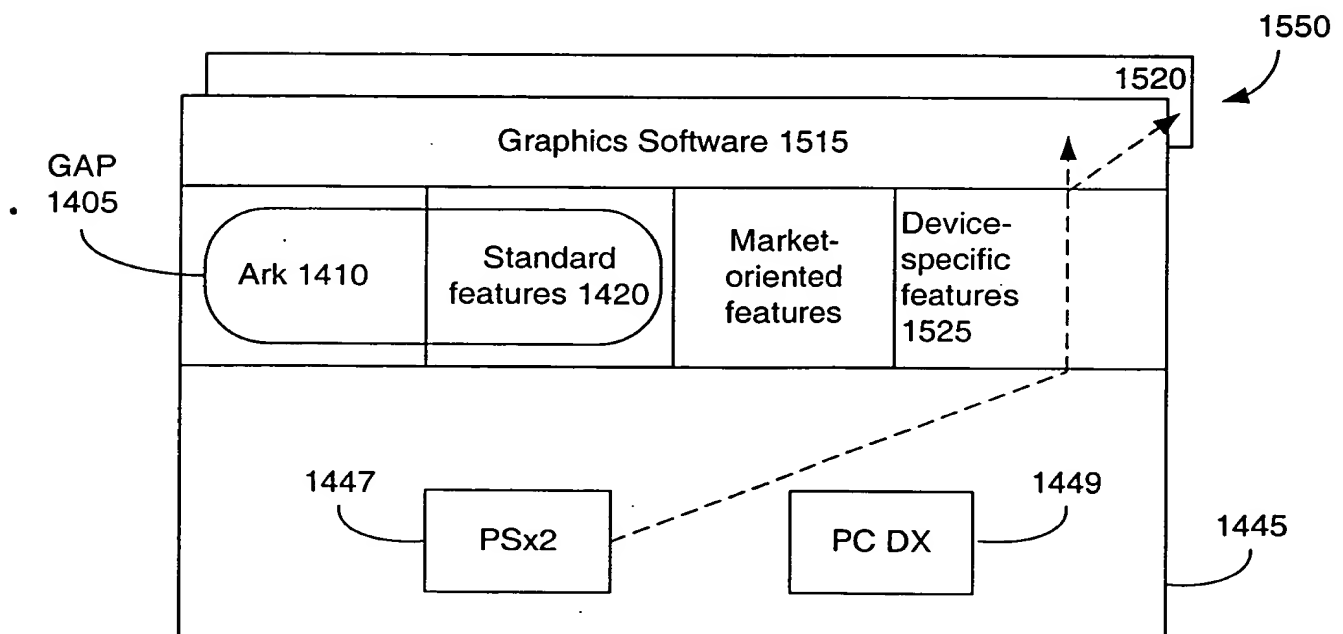


FIG. 15B

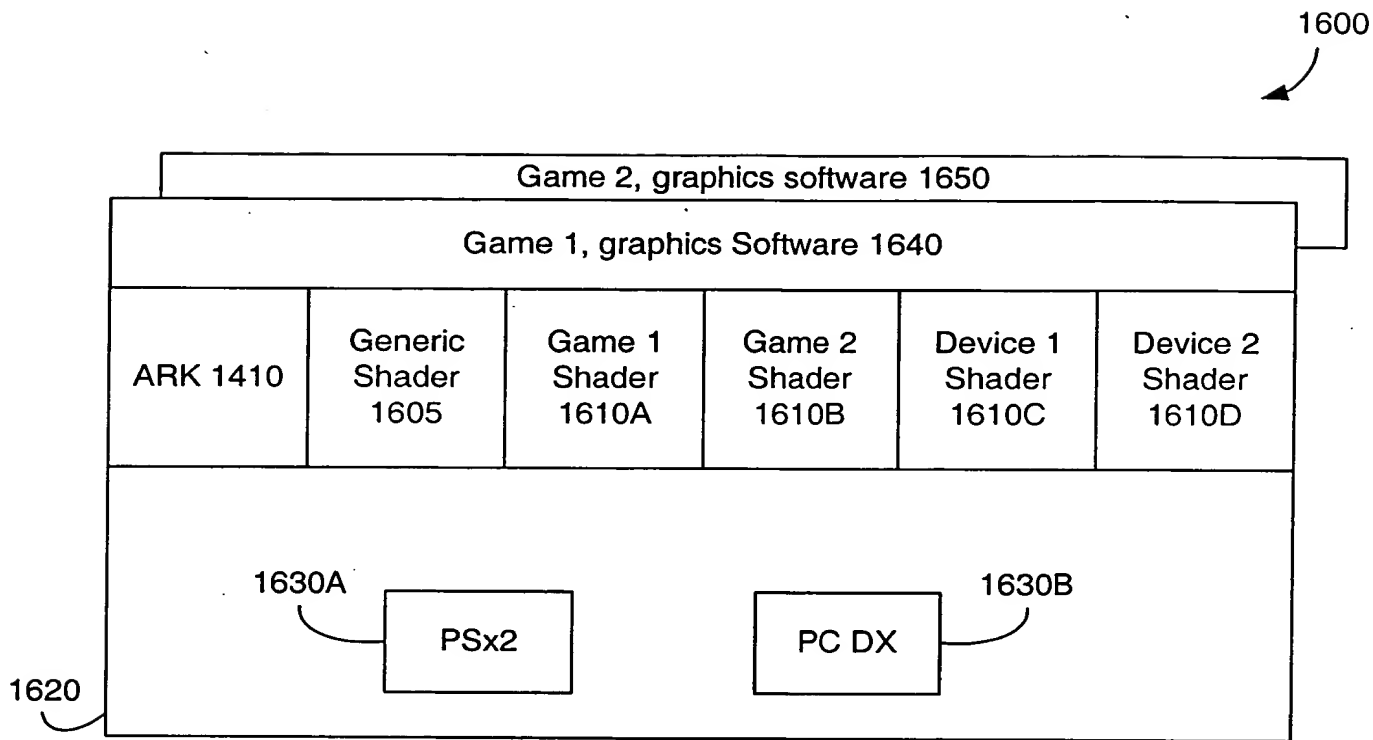


FIG. 16

1700

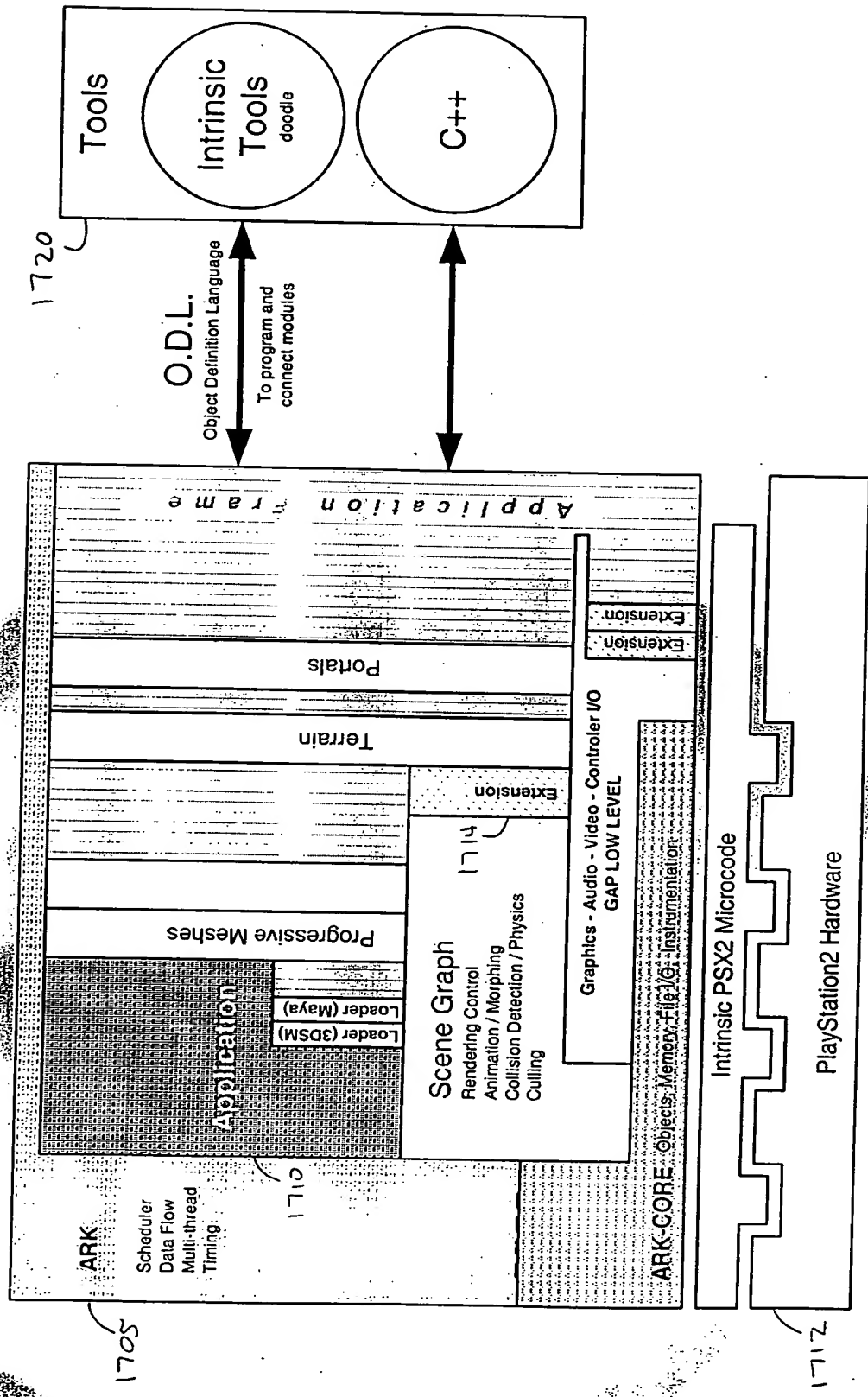


FIG. 17A

1750
↙

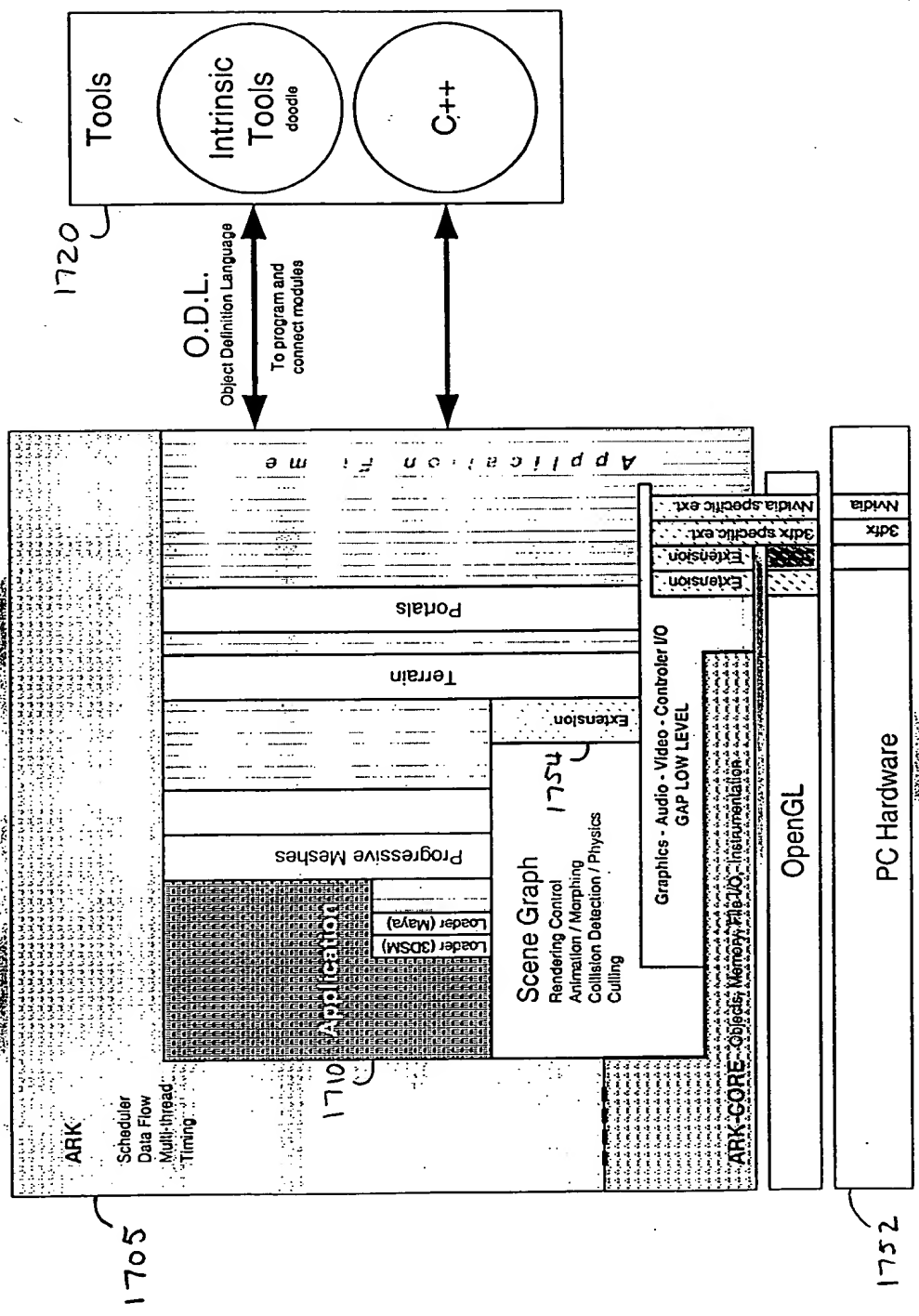


FIG. 17B

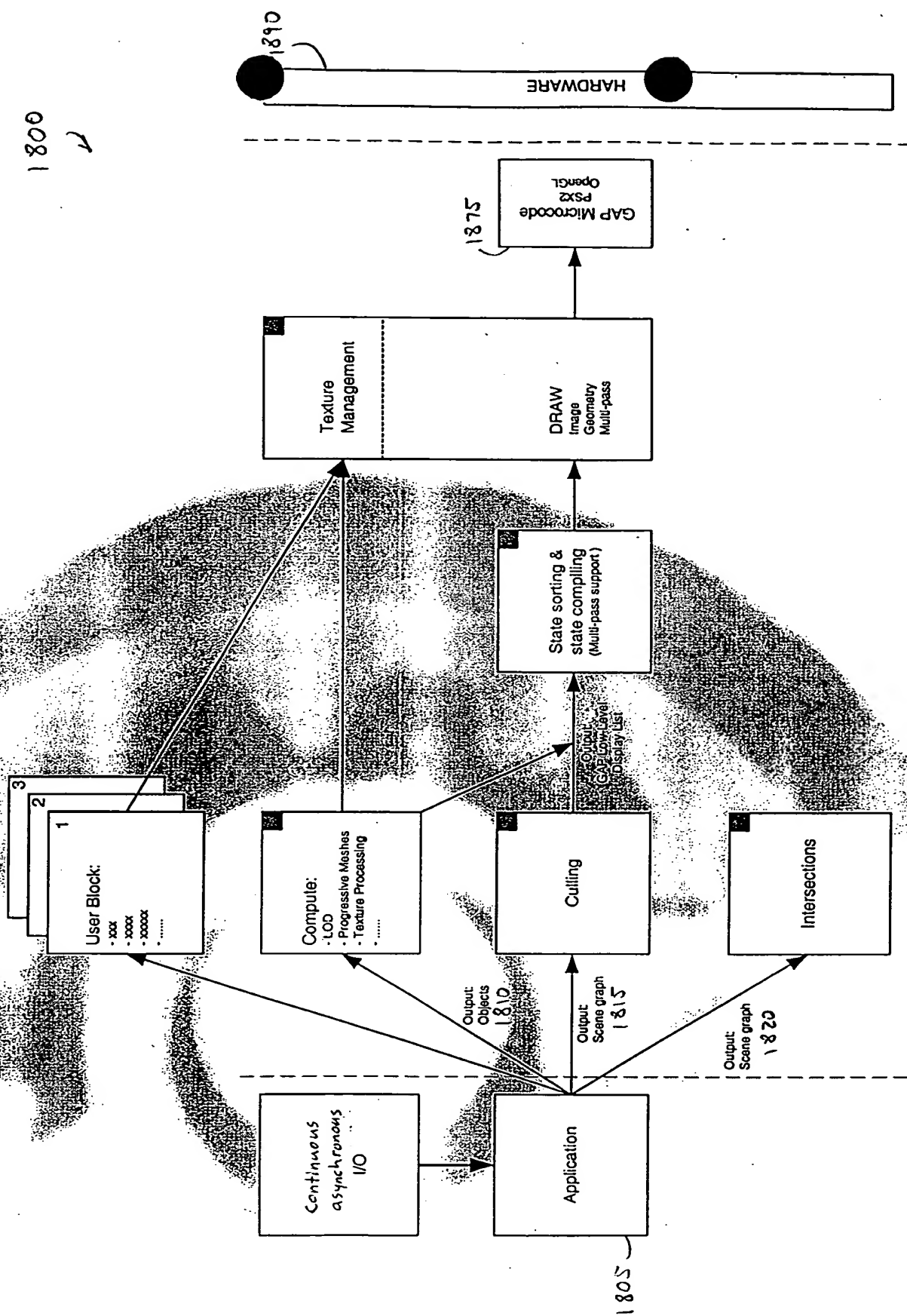


Fig. 18

1900

//

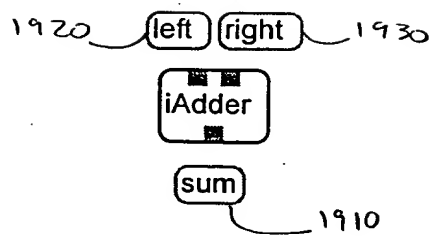
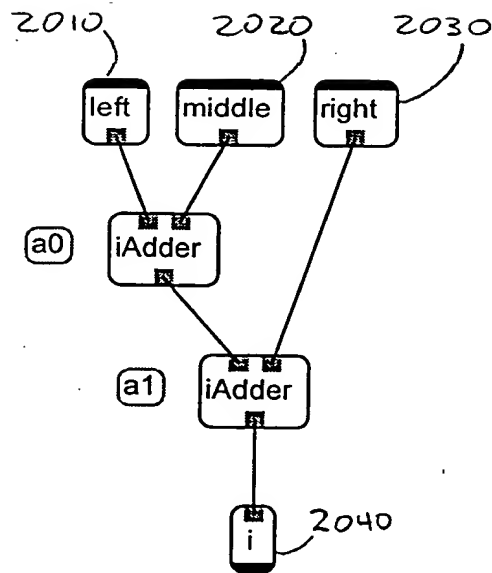


FIG. 19



2000
↙

FIG. 20

2100

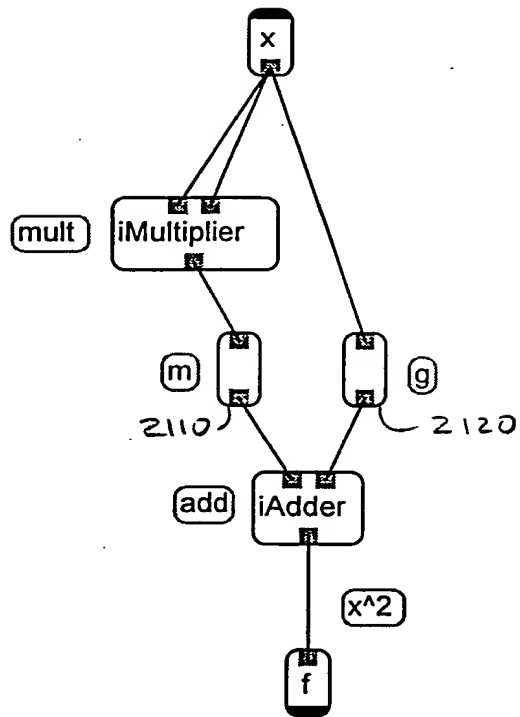
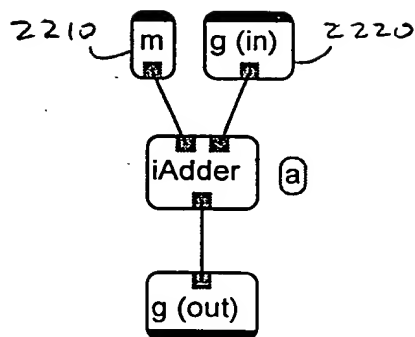


FIG. 21



2200
↓

FIG. 22

2300

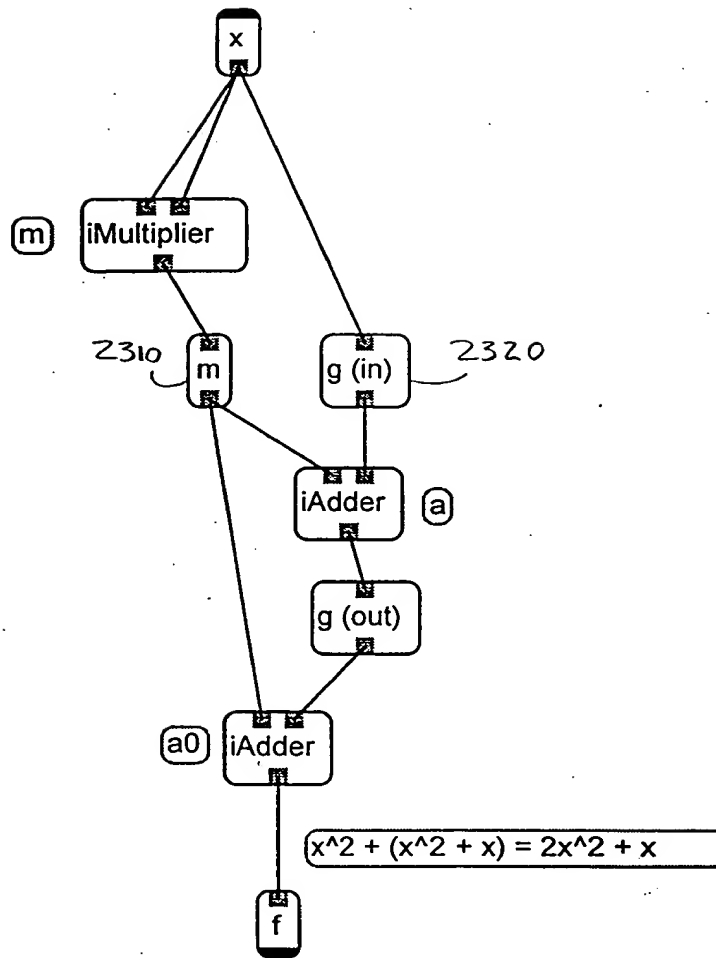


FIG. 23